

CZECHOSLOVAKIA

KRISTIAN, P; ANTOS, K; VLACHOVA, D; ZAHRADNIK, R.

1. Department of Organic Chemistry of the Slovak Technical University, Bratislava; 2. Institute of Industrial Hygiene and Occupational Diseases, Prague; 3. Institute of Physical Chemistry of the Czechoslovak Academy of Sciences, Prague (for all)

Prague, Collection of Czechoslovak Chemical Communications,
No 7, 1963, pp 1651-1654

"Electronic Nature of the Isothiocyanato Group and its Effect
on the Basicity of Acridines."

ANTOS, Kamil, doc., inz., ScC.; MARTVON, Augustin, inz.; KRISTIAN, Pavol,
Inz., ScC.

Isothiocyanates. Pt. II. Chem zvesti 17 no.5:294-299 '63.

1. Katedra organickej chemie, Slovenska vysoka skola technicka,
Bratislava, Kollarovo namesti 2.

ANTOS, K.

"Index to reviews, symposia volumes and monographs in organic chemistry, 1940-1960". Reviewed by K. Antos. Chem svesti 17 no.8:601 '63.

KRISTIAN, Pavel, inz., CSc.; ANTOS, Kamil, doc., inz., CSc.; KOVAC, Stefan, doc., dr. inz., CSc.

Isothiocyanates. Pt.12. Chem zvesti 17 no.10/11:747-756 '63.

1. Katedra organickéj chemie, Slovenska vysoka skola technicka,
Bratislava, Kollarovo namesti 2.

KRISTIAN, P.; ANTOS, K.; VLACHOVA, D.; ZAHRADNIK, R.

Electronic nature of the isothiocyanato group and its effect on
the basicity of acridines. Coll Cs Chem 28 no.7:1651-1655 Jl '63.

1. Department of Organic Chemistry, Slovak Technical University,
Bratislava; Institute of Industrial Hygiene and Occupational
Diseases, Prague, and Institute of Physical Chemistry,
Czechoslovak Academy of Sciences, Prague.

KRISTIAN, P.; KOVAC, S.; ANTOS, K.; TOMANEK, B.

Isothiocyanates. Pt.13. Chem svesti 18 no.2:81-89 '64.

1. Department of Organic Chemistry, Slovak Higher School of Technology, Bratislava.

KRISTIAN, F.; KOVAC, S.; ANTOS, K.

Preparation and infrared spectra of substituted phenyl isothiocyanates. Coll. Czechoslovak Chem. Comm. 29 no. 10: 2507-2512 O '64.

1. Department of Organic Chemistry, Slovak Technical University,
Bratislava.

L 00166-66 EPF(c)/EXP(j)/EWA(c) RPL RM/JW

ACCESSION NR: AP5025525

CZ/0043/65/000/005/0353/0359

AUTHOR: Antos, K. (Antosh, K.) (Docent, Engineer, Candidate of sciences);
Stullerova, A. (Shtullerova, A.) (Graduate chemist); Knoppova, V. (Engineer);
Kristian, P. (Engineer, Candidate of sciences)

TITLE: Isothiocyanates. (XIV). Preparation and properties of some substituted
benzylisothiocyanates

SOURCE: Chemicke zvesti, no. 5, 1965, 353-359

TOPIC TAGS: isocyanate, thiocyanate, IR spectrum, IR spectroscopy, spectrophotometric analysis, substituent

ABSTRACT: [Authors' English summary modified]: Synthesis of m- and p- substituted benzylisothiocyanates is described. Because the amines of the starting materials are sensitive to atmospheric carbon dioxide, the reaction must be conducted in a nitrogen atmosphere. The reaction medium is maintained slightly alkaline, and the amine is liberated by stepwise addition of a solution of NaOH. Spectrophotometric study of the reaction in ultraviolet light shows that the reactivity of various benzyl-

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L 00166-66

ACCESSION NR: AP5025525

12

isothiocyanates differs only slightly when glycine is added to their solutions. The infrared spectra of the synthesized benzyl-isothiocyanates in the region of 2000 to 2200 cm^{-1} show that the values of Nu asym. NCS agree well with the sigma sub 1 values of the individual substituents. ^{44,55} "Docent L. Drobnič and Engineer J. Augustin ^{44,55} are thanked for their advice and help in the kinetic measurements. Graduate chemist E. Solcaniova is thanked for measuring the infrared spectra." Orig. art. has: 3 graphs and 2 tables."

ASSOCIATION: Katedra Organickej Chemie Slovenskej Skoly Technickej, Bratislava
(Department of Organic Chemistry, Slovak Technical University) ^{44,55}

SUBMITTED: 16Feb65

ENCL: 00

SUB CODE: OC, OP

NR REF Sov: 000

OTHER: 018

JPRS

KC
Card 2/2

ANTOS, K.

CZECHOSLOVAKIA

KRISTIAN, F., SFRINZL, M., ANTOS, K.

Institute of Organic Chemistry, Slovak Institute of
Technology, Bratislava, (for all).

Prague, Collection of Czechoslovak Chemical Communications, No 11, November 1965, pp 5658-5663.

"Synthesis and infrared spectra of dithiocyanates
of the aryl and arylmethyl type."

CZECHOSLOVAKIA

KOVAC, J.; KRISTIAN, P.; ANTON, K.

Institute of Organic Chemistry, Slovak Institute of
Technology, Bratislava - (for all).

Prague, Collection of Czechoslovak Chemical Communi-
cations, No 11, November 1965, pp 3664-3671.

"Studies of the vibrational frequencies ν_{asym} , NCO
of *n*-and *p*-substituted phenylisothiocyanates in
various solvents."

ACC NR AF6033609

SOURCE CODE: CZ/0043/66/000/001/0085/0007

AUTHOR: Komanova, Eva (Engineer; Bratislava); Antos, Kamil--Antosh, K. (Docent; Engineer; Candidate of sciences; Bratislava)

ORG: Department of Organic Chemistry, Slovak Technical University, Bratislava
(Katedra organickej chemie Slovenskej vysokej skoly technickej)

TITLE: Isothiocyanates (XV). The separation of isothiocyanates by thin layer chromatography

SOURCE: Chemické zvesti, no. 1, 1966, 85-87

TOPIC TAGS: thiocyanate, isomer, chemical separation, chromatography

ABSTRACT: Separation of isothiocyanates of the dimethylaminonaphthalene group was investigated by thin layer chromatography on silicic acid. The separation is possible when one of the benzene rings has a substituting methyl group as well as the NCS group. Orig. art. has: 2 figures and 1 table. [Based on authors' Eng. abstr.] (JFRS: 34,805)

SUB CODE: 07 / SUBM DATE: 05Mar65 / ORIG ECR: 005 / 50% ECR: 001
OTH REF: 005

Card 1/1

7950 1651

ANTOS, Laszlo

The Second Five-Year Plan and the proposals of the Federation of
Engineers and Technicians. Musz elet 15 no.8:4 Ap '60. (EKAI 9:8)
(Hungary--Technology)

SLABY, A., RIEDL, O.; technicka spoluprace: ANTOS, S.; LIPSKY, A.

Body weight and body height in old patients in Czechoslovakia.
Sborn.lek.63 no.1:11-17 Ja '61.

I. IV. interni klinika fakulty všeobecného lekarství University
Karlovych v Praze, prednosta prof.dr. M.Jucík; II. patologickoana-
tomicky ustav fakulty všeobecného lekarství University Karlovych v
Praze, prednosta prof.dr. V.Jedlicka.

(BODY WEIGHT in old age)

(BODY HEIGHT in old age)

ACCESSION NR. A7-674

AUTHOR: Antonín Štěpánek, Engineer

TITLE: Mechanization of metal scrap manipulation

SOURCE: Strojírenská výroba, v. 12, no. 7, 1964, 474-481

TOPIC TAGS: automotive industry, industrial equipment

Abstract: Described are installation for handling metal scrap in the Automobile Plants (Automobilové závody) in Mlada Boleslav. Technical data are given and diagrams presented of conveyors, pallets, hoppers, and various auxiliary equipment for handling fragments of sheet, cuttings, and other metal scrap. Also mentioned is equipment for metal recycling.

TRANSLATOR: J. L. C.

EDUCATION: SU Projektai, Prague (SU Project)

TYPE: -

DATE: 1964

170-CP

170-2

ANTOS, Zoltan

The situation of national geodetic and cartographic services on the
15th anniversary of the liberation of our country. Geod kart 12 no.3:
153-158 '60. (Hungary--Geodesy) (Hungary--Cartography) (EKA 10:3)

ANTOS, Zoltan

Fulfillment of the 1961 plan for the state geodetic and cartographic service and its further tasks. Geod kart 14 no.3: 137-139 '62.

M. "Geodesia es Kartografia" szerkeszto bizottsagi elnöke, es Allami Foldmieresi es Terkepeszeti Hivatal elnöke.

ANTOS, Zoltan

Certain current questions relating to geodesy and cartography.
Geol kart 15 no.2:81-85 '63.

1. "Geodesia es Kartografia" szerkeszto bizottsagi elnöke.

ANTOSHENKOV, Ye.

Problems in accounting labor productivity in cotton spinning
and weaving enterprises. Biul. nauch. inform.; trud i zar. plata
no. 4:40-43 '59. (MIRA 12:6)
(Cotton manufacture--Labor productivity)

ANTOSENKOV, Yo.; KISELEV, I.; KOKIN, Yu.

Labor problems at the World Youth Forum in Moscow. Biul. nauch.
inform.: trud i zar. plate 4 no.10:40-45 '61. (MIRA 14:10)
(Youth—Congresses)
(labor and laboring classes)

ANTOSENKOV, Ye.G.

Method for dividing industrial production workers into basic
groups. Vop.truda no.1:102-117 '58. (MIRA 12:8)
(Job analysis)

LAZUTKIN, Ye.S.; RUSANOV, Ye.S.; EYDEL'MAN, R.A.; TRUBNIKOV, S.V.; KAPLAN, I.I.; ZAGORODNIKOV, M.I.; GOL'TSOV, A.N.; TATARINOVA, N.I.; SONIN, M.Ya.; SHISHKIN, N.I., doktor geogr.nauk; ANTOSENKO, Ye.G.; ZHUKHOVA, I.I.; KOSYAKOV, P.O.; MATROZOVA, I.I.; ZELEN'SKIY, G.N.; SEMENKOV, Ya.S.; ZALKIND, A.I., red.; RUSANOV, Ye.S., red.; SHTEYNER, A.V., red.; MIKHAI'CHENKO, N.Z., red.; GERASIMOVA, Ye.S., tekhn. red.

[Manpower of the U.S.S.R.; problems in distribution and utilization]
Trudovye resursy SSSR; problemy raspredeleniya i ispol'zovaniia. Pod
red. N.I.Shishkina. Moskva, Izd-vo ekon.lit-ry, 1961. 243 p. (MIRA 14:12)

Moscow. Nauchno-issledovatel'skiy institut.
(Manpower)

44-2-104-10017-2

GAL'PERIN, Nikolay Semenovich; ANTOSENKOVA, L., red.; TROYANO-SKAYA, N.
tekhnicheskij red.

[New developments in the organization of the material and equipment
supply system] Novoe v organizatsii material'no-tekhnicheskogo
snabzheniya. Moskva, Gos. izd-vo polit. lit-ry, 1957. 54 p.
(Industry) (MIRA 11:3)

ACC-NET AF6033609

SOURCE CODE: CZ/0043/66/000/001/0083/0087

AUTHOR: Komanová, Eva (Engineer; Bratislava); Antos, Karol-Antoš, K. (Decent; Engineer; Candidate of sciences; Bratislava)

ORG: Department of Organic Chemistry, Slovak Technical University, Bratislava (Katedra organickej chemie Slovenskej vysokej skoly technickej)

TITLE: Isothiocyanates (XV). The separation of isothiocyanates by thin layer chromatography

SOURCE: Chemicke zvesti, no. 1, 1966, 85-87

TOPIC TAGS: thiocyanate, isomer, chemical separation, chromatography

ABSTRACT: Separation of isothiocyanates of the dimethylaminobenzene group was investigated by thin layer chromatography on silicic acid. The separation is possible when one of the benzene rings has a substituting methyl group as well as the NCS group. Orig. art. has: 2 figures and 1 table. [Based on authors' Eng. abst.] [JFES: 34,805]

SUB CODE: 07 / SUBM DATE: 05Mar65 / CRIG REF: 005 / SOV REF: 601
OTH REF: 005

Card 1/1

0920 1451

L 22873-66 FSS-2/ENT(1)/EEC(k)-2/EWA(d) TT/RD/GW

ACT NR: AP6012836

SOURCE CODE: UR/0293/66/004/002/0311/0319

AUTHOR: Akulinichev, I. T.; Antoshchenko, A. S.; Znachko, V. A.;
Ivanov, A. Ya.; Lebedev, V. I.; Makel'mov, D. G.; Uglyay, A. Ya.;
Khlebnikov, G. F.

ORG: none

TITLE: Some results of monitoring the medical condition of P. I. Belyayev and A. A. Leonov during training and during orbital flight

SOURCE: Kosmicheskiye issledovaniya, v. 4, no. 2, 1966, 311-319

TOPIC TAGS: manned spaceflight, cosmonaut training, pressure chamber, human physiology, EVA / Voskhod-2

ABSTRACT: Training data for Leonov and Belyayev were compared with data from the Voskhod-2 flight. The cosmonauts were trained for rarefied atmosphere conditions by sequential exposure to pressure chamber altitudes of 5, 10, and 32—37 km. At an altitude of 5 km, neither cosmonaut required high altitude equipment or supplementary oxygen. At an altitude of 10 km, they breathed pure oxygen. In a rarefied atmosphere of 32—37 km, the cosmonauts wore suits analogous to those used on the Voskhod-2 flight. Flight system sensors and a stationary electrophysiological recorder were used. Pulse rate,

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UDC: 629.198.61

L 22873-66

NCC NR: AP6012836

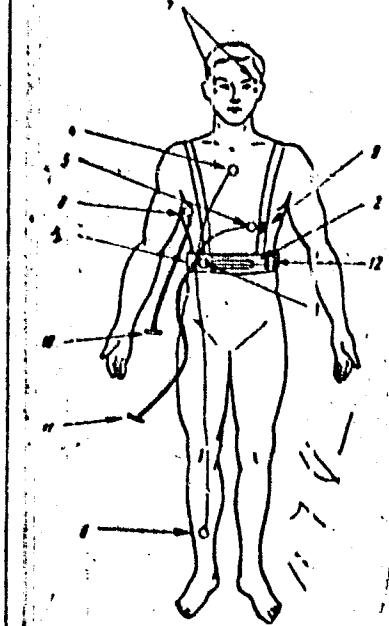


Fig. 1. Position of physiological sensors on the cosmonaut.

1 - Individual system of electrode and sensor positioning; 2 - ohmic respiration sensor; 3 - contact respiration sensor; 4, 5 - EKG electrodes; 6 - ground; 7 - EOG electrodes; 8 - body temperature sensor (submuscular area, Loonov only); 9 - SCG sensor; 10, 11 - detachable terminals; 12 - lacing.

Cord 2/8

L 22873-66

ACC NR: AP6012836

Table 1. Changes in some physiological indexes of
Belyayev and Leonov during space suit tests at 36 km

Index	Belyayev			Leonov		
	Before	36 km	After	Before	36 km	After
Pulse rate, min.	12	9-18	12-28	16	12-18	12
Resp. rate, min.	67	60-67	62	63	67-68	67
P-Q, sec.	0.20	0.16-0.20	0.18	0.12	0.12-0.14	0.12
QRS, sec.	0.10	0.08-0.10	0.10	0.08	0.05-0.06	0.06
QRST, sec.	0.40	0.40	0.40	0.32	0.32-0.36	0.36
Systolic Index	42	40-42	40	33	33-41	36
P, mm	1	1	1	1	0.6-0.8	Weak
R, mm	9	11	8	22	19-23	15
S, mm	0.5	Weak	0.5	6.5	4	2
T, mm	8	3-4	3	6	4-6.5	3.5

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L 22873-66

ACC NR: AP6011836

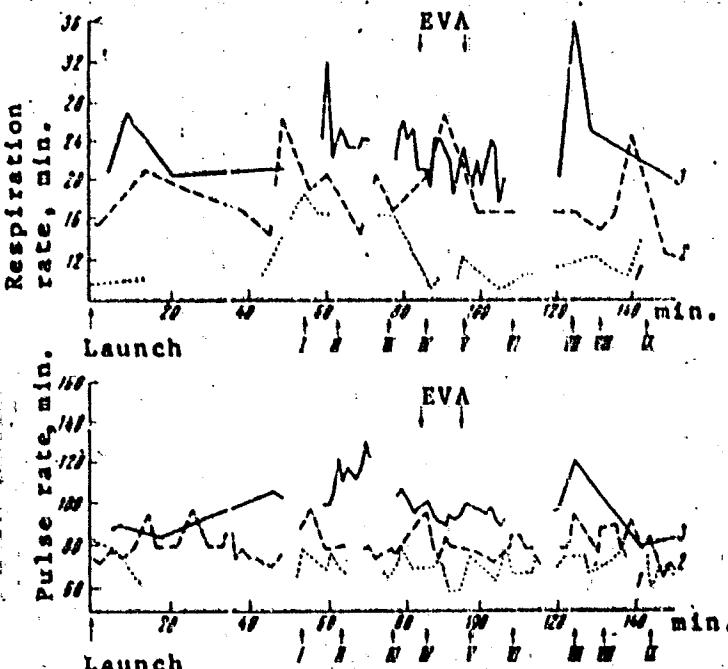


Fig. 2. Changes in the pulse and respiration rate of Belyayev when training and during the Voskhod-2 flight

I - Leonov entering the pressure lock; II - closing the cabin hatch; III - opening the pressure lock hatch; IV - Leonov's egress or imitated egress from the pressure lock; V, VI - Leonov's simulated or actual EVA; VII - Leonov's return to the cabin; VIII - closing the cabin hatch; IX - spacesuit pressure normalization to cabin atmosphere. 1 - training in a normal atmosphere; 2 - training at 37 km; 3 - orbital flight

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ACC NR: AP6012836

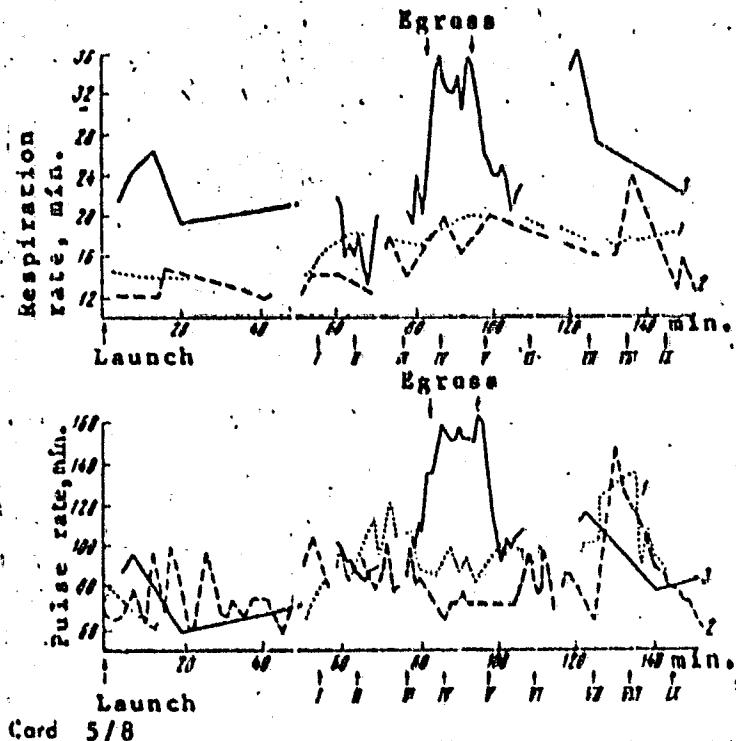


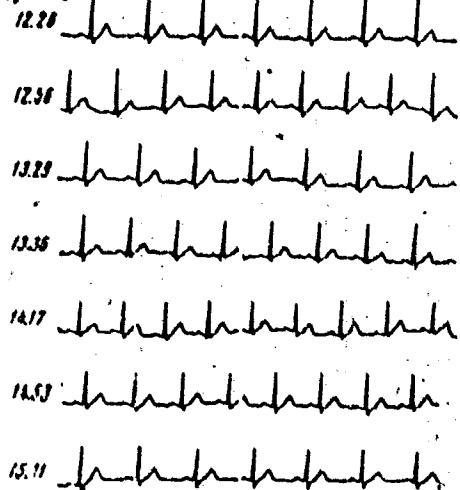
Fig. 3. Changes in the pulse and respiration rate of Leonov when training and during the Voskhod-2 flight

I - Leonov entering the pressure lock; II - closing the cabin hatch; III - opening the pressure lock hatch; IV - Leonov's egress or imitated egress from the pressure lock; V, VI - Leonov's simulated or actual EVA; VII - Leonov's return to the cabin; VIII - closing the cabin hatch; IX - spacesuit pressure normalization to cabin atmosphere. 1 - training in a normal atmosphere; 2 - training at 37 km; 3 - orbital flight

L 22873-66

ACC NR: AP6012836

hr, min.

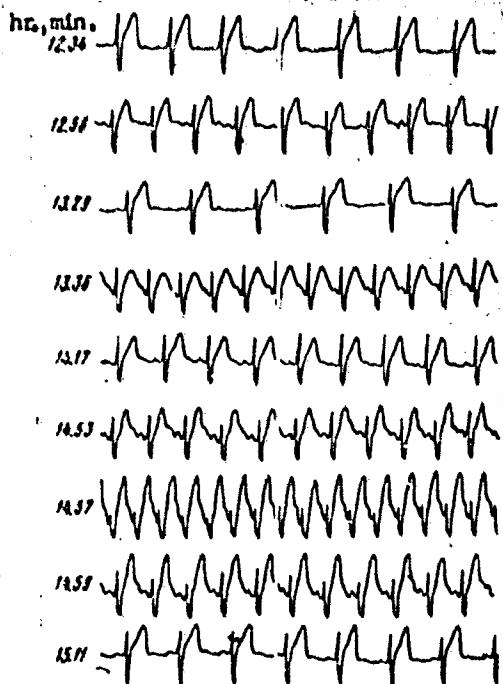


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Fig. 4. Balyayev's EKG's when rehearsing the flight program in the spacecraft mockup (exercise no. 2, 37 km)

12.26 - normal condition; 12.56 - instrument check; 13.29 - prior to Leonov's entrance into the pressure lock; 13.36 - opening the cabin hatch; 14.17 - imitation of the egress; 14.53 - Leonov's return to the cabin; 15.11 - after the egress program and normalization of suit pressure

L 22873-66
ACC NR: AP6012836



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Fig. 5. Leonov's EKG's when rehearsing the flight program in the spacecraft mockup (exercise no. 2, 37 km)

12.34 - normal condition; 12.56 - instrument check; 13.29 - prior to entering the pressure lock; 13.36 - opening the cabin hatch; 14.17 - imitation of egress; 14.53 - return to the cabin; 14.57 - closing the cabin hatch; 14.59 - instrument check; 15.11 - after returning to the seat and normalizing suit pressure

L 22873-66

ACC NR: AP6012836

respiration rates, and EKG's were recorded along with visual (TV) observations. Two-way radio communication was maintained. A space-craft mockup was used to test two series of exercises. In the first exercise, the cosmonauts rehearsed the program involving the movement of Leonov into the pressure lock under normal atmospheric conditions. The second exercise entailed the same regimen at an altitude of 37 km. A diagram of the sensors used is shown in Fig. 1. Results of the tests are given in Figs. 2-5 and Table 1. All Voskhod-2 systems and the newly designed suit used for Leonov's EVA functioned normally both during the training program and the flight itself. During training and the Voskhod-2 flight, the pressurization and egress program caused accelerated pulse and respiration rates and functional EKG variations in both cosmonauts. These were attributed to emotional stress, and in Leonov's case, physical strain. The training program was judged to be fully applicable to the Voskhod-2 program. Orig. art. has: 1 table [CD]

SUB CODE: 05, 06/ SUBM DATE: 01Nov65/ ORIG REF: 006/ ATD PRESS:

4239

Card 8/8 LC

ANTOSHCHENKO, I.M.; LAPIN, F.A.

Testing and operating the equipment used in standard cement
storage facilities. Stroi.i dor.mashinostr. 2 no.7:27-29
Jl '57. (MLRA 10:7)
(Cement--Storage)

ANTOSHCHENKO, I.Ya.

Case of an unusual injury. Ortop., travm. i protez. no.6:65-66
NvD '55. (MLRA 9:12)

1. Is Yenakiyevskoy bol'nitey (glavnnyy vrach - S.O.Gavrilov) Stalinskoy
oblasti.
(ORTHOPEDIA)

ANTOSHCHENKO, I. Ya.

Rare case of dislocation of the testis. Urologia no.6:70
'62. (MIRA 16:7)

1. Iz bol'nitsy g. Yenakiyev Donetskoy oblasti (glavnnyy
vrach P.N. Lebedenko)
(TESTICLE--WOUNDS AND INJURIES)

ANTOSHCHENKO, P.

Concern for people is the main point. Okhr.truda i sots.strakh.
no.7:48 Jl '59. (MIRA 12:11)

1. Predsedatel' komissii okhrany truda fabkora Shoatkinskoy
kinoplenochnoy fabriki No.3.
(Industrial hygiene)

ANTOSHENKO, S.Ya.

New heavy-duty cement mill. TSegment 27 no.3:16-19 My-Je '61.
(MIL A 14:7)
(Cement plants--Equipment and supplies)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000101810017-2

ANTOSHICHENKO, Ye.M.; IGNATENKO, A.D.; OBODAN, V.Ya.; REVA, V.K.

Television methods for automatic control of geometrical parameters
of controlled systems. Avtom. i prib. no. 1:73-78 Ja-Mr '64.
(MIRA 17:5)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000101810017-2"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000101810017-2

ANTOSHCHENKO, Z.A.

Results of the study of the internal structure of some Lias
brachiopods. Biul. MOIP. Otd. geol. 36 no. 6:114 N-D '61.

(MIRA 15:7)

(Crimea--Brachiopoda, Fossil)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000101810017-2"

ANTOSHCHENKOV, N. (Leningrad)

At the Kirov Plant, NTO no.4:11-14 Ap '59. (MIRA 12:6)

1. Zamestitel' predsedatelya soveta pervichnoy organizatsii
nauchno-tekhnicheskogo obshchestva mashinostroitel'noy promy-
shlennosti.

(Leningrad--Machinery industry)

ANTOSHCHENKOY, N.P.

Results of factory competitions. Mashinostroitel' no. 8:47-48
Ag '58. (MIRA 11:8)
(Leningrad--Mechanical engineering--Competitions)

ANTOSHCHENKO, S., inzhener.

Are the specialized repair organizations working correctly? Stroi.
mat.3 no.2:15-17 P '57. (MLRA 10:3)

1. Glavnyy mekhanik Vol'skogo tsementnogo kombinata.
(Vol'sk--Cement industries)

ANTOSHCHENKOV, N.

Diplomas of the All-Union Council of Scientific Technological Societies granted to the innovators of the Kirov Machinery Plant. NTO 3 no.12:14 D '61. (MIRA 15:1)

1. Zamestitel' predsedatelya soveta pervichnoy organizatsii nauchno-tekhnicheskogo obshchestva mashinostroitel'noy promyshlennosti Leningradskogo Kirovskego zaveda.
(Leningrad--Machinery industry--Technological innovations)

AUTHOR: Antoshchenkov, N.F. SOV-117-58-8-28/28

TITLE: Results of the Plant Competition (Itogi zavodskogo konkursa)

PERIODICAL: Mashinostroitel', 1958, Nr 8, pp 47-48 (USSR)

ABSTRACT: In the Leningrad Kirov Plant a competition was held for the improvement of production and machinery. Premiums were awarded for 11 suggestions. The first prize was won by a paper on "The Rolling of Spring Steel in the Kirov Plant". The improvement consists in the better arrangement of the steel details in the heating furnaces, etc. (Figures 1-3). The second prize was won by the two papers "Preliminary Heating of the Charge Before Filling, in the Shaped Steel Casting Workshop Nr 2", and "Selection and Development of the Technology for Non-Ferrous Alloy of Increased Resistance". Other prizes were awarded for "The Measurement of Large Dimensions", "Control Devices Used in the Mechanical Workshop of the Plant", etc. There are 3 diagrams.

ASSOCIATION: Kirovskiy zavod, g. Leningrad (Kirov Plant, Leningrad)

Card 1/2

Results of the Plant Competition

SOV-117-58-B-20/20

Card 2/2

1. Steel - Processing
2. Steel - Manufacture
3. Alloys - Resistance
4. Awards - Industry - USSR

USCOMM-DC-55277

L 14154-66

ACC NR: AP6001315

SOURCE CODE: UR/0248/65/006/009/0037/0040

AUTHOR: Bochkov, N. P.; Antoshchina, M. M.; Bulanov, A. G.; Khlestova, R. A.; Sevan'kayev, A. V.

ORG: Institute of Medical Radiology, AMN SSSR, Obninsk (Institut meditsinskoy radiologii AMN SSSR); Maternity Hospital No. 26, Moscow (Rodil'nyy dom No. 26) 17
B

TITLE: Frequency of spontaneous noncleavage of sex chromosomes in man

SOURCE: AMN SSSR. Vestnik, no. 9, 1965, 37-40

TOPIC TAGS: human genetics, infant disease

ABSTRACT: An examination was made for the presence of sex chromatin in cells from newly born girls and boys. No anomalies were found in the girls, while four of the boys had sex chromatin, i. e., Klinefelter's syndrome. Reexamination of these four infants 2-6 months later showed a high percentage of cells with sex chromatin. None of the infants' parents had been exposed to ionizing radiation or other injurious factors. Among stillborn infants, 2 of 57 boys and 1 of 46 girls had sex chromosome anomalies. Referring to the frequency of such anomalies in spontaneous abortions

UDC: 576.312.332 : 616-053.1+616.053.1 : 576.312.332

Card 1/2

L 14154-66
ACC NR: AP6001315

reported in the literature, the author suggests that chromosome mutations in man are eliminated at different stages of ontogenesis; the rate of spontaneous noncleavage of chromosomes cannot be accurately determined without examining aborted and still-born infants as well as live-born children. Orig. art. has: 1 figure, 2 tables.

SUB CODE: 06/ LUBM DATE: 05Jun65/ ORIG REF: 009/ OTH REF: 017

Card 2/2 Jo

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000101810017-2

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000101810017-2"

ANTOSHECHKIN, G. P.

Antoshechkin, G. P. "Therapeutic physical culture in recuperative treatment of traumas of the support and movement apparatus," Vracheb. delo, 1949, No. 3, paragraphs 235-36.

SO: U-3736, 21 May 53, (Letopis 'Zhurnal 'nykh Statey, No. 18, 1949).

ANTOCHENOK, A.G.

Sensitivity of mammalian cells to ultraviolet irradiation and
the possibility of photoreactivation of chromosome aberrations.
Genetika no. 6:73-79 D '65 (MIAR 19:1)

1. Institut atomnoy energii imeni Kurchatova.

ACC NR: AP7005592

SOURCE CODE: UR/0020/67/172/002/0461/0463

AUTHOR: Antoshechkin, A. G.; Shapiro, N. I.

ORG: Institute of Atomic Energy im. I. V. Kurchatov (Institut atomnoy energii)

TITLE: Comparative mutagenic efficiency of ultraviolet irradiation with different wave lengths

SOURCE: AN SSSR. Doklady, v. 172, no. 2, 1967, 461-463

TOPIC TAGS: UV irradiation, radiation ^{Cf-252} effect, nucleic acid, nucleoprotein, absorption spectrum, MITOSIS

ABSTRACT: The general roles of nucleic acid and nucleoprotein injuries in UV irradiation induced chromosome aberrations were investigated in experiments on Chinese hamster fibroblastoid cells. UV wave lengths of 260 and 284 m μ were selected on the basis of literature data indicating that the maximum absorption spectrum of nucleic acids corresponds to 260 m μ and the maximum absorption spectrum of nucleoproteins corresponds to 284 m μ . Before comparing the relative efficiency of the two wave lengths it was established that duration of mitotic phases is the same for both wave lengths at a given dose. In four experimental series using 40, 50, 60 and 70 ergs/mm² doses the cells were irradiated during the highly sensitive S-G₁ phase. Chromosome aberrations were determined in the metaphase and anaphase stages by an

Card 1/2

UDC: 575.246

ACC NR: AP7005592

H_3 -thymidine autoradiographic method. Findings show that the 284 m μ wavelength is approximately 35% more effective in its mutagenic effect than the 260 m μ wavelength, and is even higher in the case of small doses (40 ergs/mm 2). The authors conclude that the mutagenic efficiency of UV irradiation corresponds to the nucleoprotein absorption spectrum and not to the nucleic acid absorption spectrum. These data concur with literature studies showing that chromosome aberrations in animal cells can be induced by pyromycin, a protein synthesis inhibitor. Studies are now in progress to elucidate further the role of nucleoprotein injuries in chromosome aberrations. Orig. art. has: 1 table and 2 figures. [06]

SUB CODE: 36/ SUBM DATE: 04Aug66/ ORIG REF: 002/ OTH REF: 008
ATD PRESS: 5117

Card 2/2

RAVIKOVICH, I.M.; BRAGIN, Yu.S.; KHUDOROZHKOY, I.P.; MAYZEL', G.M.; STARIKOV,
M.A.; GROSHEV, M.Ya.; BUTIVCHENKO, V.N.; Prinimali uchastiyu;
ANTOSHECHKIN, M.P.; MARKOV, V.N.; CHEREKH, N.A.; OBUKHOVA, E.V.;
VOZZHAYEV, A.S.

Production of ferrovanadium sinter at the Lebyazh'ye sintering
plant. Stal' 25 no.6:484-486 Je '65. (MINA 18:6)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat.

ANTOSHEVSKIY, I.I.

Results of operations of the Office of Experimental Oriented
Borings carried out at the Lisichansk "Podzengaz" plant.
Podzem.gaz.ugl. no. 2:43-48 '57. (MLRA 10:7)

1. Kontora opytno-napravленного bureniya lisichenskoy stantsii
"Podzengaz." ("lisichans --Engineering research) (Boring)

ANTOSHIN, A.N., dots.

Rerouting small shipments on sidings. Trudy MTB no. 9:55-63 '58.
(Railroads--Freight) (MILIA 11:5)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000101810017-2

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CIA-RDP86-00513R000101810017-2"

"The authors thank V.Yu. Levin for x-ray structural and IR analysis
of the samples." (I.I. & P. Nauk. SSSR, 1980, p. 10)

Card 8/2

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000101810017-2

Card 3/3

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000101810017-2"

KASATKINA, L.A.; ANTOSHIN, G.V.

Isotope exchange between molecular oxygen and carbon dioxide on manganese dioxide. Kin.i kat. 4 no.2:252-259 Mn-Ap '63.
(MIRA 16:5)

1. Moskovskiy khimiko-tehnologicheskiy institut imeni
D.I.Mendeleyeva.
(Carbon dioxide) (Oxygen isotopes) (Manganese oxides)

MINACHEV, Kh.M.; ANTOSHIN, G.V.

Isotope exchange between molecular oxygen and rare-earth oxides.
Dokl. AN SSSR 161 no.1:122-124 Mr '65.

(MIRA 18:3)

1. Institut organicheskoy khimii im. N.D. Zelinskogo AN SSSR.
Submitted July 30, 1964..

ROZEMBERG, O.O.; ANDREYEV, V.P.; ANTOSHIN, I.I.

Electric slag welding of turbine penstock at the Bratsk
Hydroelectric Power Station. Avtom.svar. 13 no.7:91-92
Jl '60. (MIRA 13:7)
(Bratsk Hydroelectric Power Station--Hydraulic turbines)
(Electric welding)

ANTOSHIN, Konstantin Fokich; PANTELEYEV, I.I.; TROYAKOV, P.A.

[Russian writers on Khakassia] Russkie pisateli o Khakasii.
Abakan, Khakasskoe knishnoe izd-vo, 1958. 133 p. (MIRA 13:4)
(Khakass Autonomous Province)

ANTOSHIN, L., inshener

Pneumatic grease gun. Avt.transp.33 no.8:33 Ag'55. (MIRA 8:12)
(Automobiles--Lubrication)

ANTOSHIN, L., inzh.

Mechanizing the car-washing process. Avt. transp. 37 no.9:18-19
8 '59. (MIRA 12:12)
(Motor vehicles--Maintenance and repair)

ANTOSHIN, L.T.; GULIN, V.A.

[Work practice of motor-vehicle service station no.4
of the Administration for Construction of the Moscow
Subway, and of the Automotive Transportation Department
of the Administration for Construction of the Leningrad
Subway in the maintenance and repair of motor vehicles]
Opis raboty avtobazy no.4 Mezometrostroia i avtotsentral
kontora Lenmetrostroia po tekhnicheskemu obsluz. iva-
niyu i remontu avtomobilei. Moskva: Orgtransstroy, 1962.
31 p. (MIRA 18:5)

~~ANNALE~~ N. DFTI, Inst., Allunion Research Institute for Autogenous Metalworking, Moscow

"Anwendung und Entwicklung des Lichtbogen-Metallspritzens in der UdSSR," a paper presented at the International Conference on Metal Spraying in the DDR, Halle an der Saale, 6-8 Sep 57.

SO: 1014596

ANTOSHIN, N.N., inshener.

Plan for the connection of English and French electric networks.
Elektricheskie no.5:80-81 My '55. (MIRA 8:6)
(France--Electric networks) (Great Britain--Electric networks)
(Cables, Submarine)

VINTER, A.V.; NEKRASOV, A.M.; SYROMYATNIKOV, I.A.; VOZNIESENSKIY, A.N.;
VASILENKO, P.I.; LAUPMAN, P.P.; TERMAN, I.A.; VINOGRADOV, N.P.;
ANTOSHIN, N.N.; ALEKSANDROV, B.K.; USPENSKIY, B.S.; KLASSON, I.R.;
KHRYFITS, M.E.; DRUTSKIY, V.F.; KRACHKOVSKIY, N.N.; POPOV, P.A.;
CHELIDZE, I.M.; FILARETOV, S.M.; KOZLOV, M.D.; BERLIN, V.Ya.;
SARADZHEV, A.Kh.; GORDZIYEVICH, I.S.; PAK, V.P.; DORFMAN, S.M.;
DUBINSKIY, L.A.; UL'YANOV, S.A.; GRUDINSKIY, P.G.; KUVSHINSKIY, N.N.;
ERMOLENKO, V.M.

Mikhail Mikhailovich Karpov. Elek.sta. 27 no.10:62 0 156. (MIRA 9:12)
(Karpov, Mikhail Mikhailovich, d.1956)

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PHASE I BOOK EXPLOITATION

284

Soveshchaniye elektrikov po voprosu proyektirovaniya elektricheskoy chasti gidrostantsiy, Moscow, 1956

Novoye v proyektirovaniii elektricheskoy chasti gidroelektrostantsiy
(Materialy soveshchaniya po proyektirovaniyu i eksploatatsii)
(New Developments in the Design of Electric Equipment for Hydro-
electric Power Plants (Data of the Conference on Design and
Operation)) Moscow-Leningrad, Gosenergoizdat, 1957, 222 p.
4,500 copies printed.

Sponsoring agencies (of Conference): Vsesoyuznyy trest po
proyektirovaniyu gidroelektrostantsiy i hidroelektrouzlov;
Moskovskoye otdeleniye nauchno-tekhnicheskogo obschchestva
energopromyshlennosti, Moskovskiy energeticheskiy institut.

Ed.: Demkov, Ye. D.; Tech. Ed.: Fridkin, A.M.; Ed. of the
Collection: Kheyfits, M.E., Engineer.

PURPOSE: These collected reports are addressed to engineers
engaged in the design, construction, operation and maintenance
of electric power plants, as well as to students at power

Card 1/9

3

New Developments in Design of Electric Equipment (Cont.) 284

engineering and electrical engineering vuzes.

COVERAGE: A conference of electrical engineers engaged in the design, construction, operation and maintenance of hydroelectric power plants and electric power distribution systems was held in Moscow from May 16th to May 24, 1956. The conference was organized by Gidroenergoprojekt (All-Union Trust for the Design and Planning of Hydroelectric Power Plants and Developments) in collaboration with MONTOEP (Moscow Branch of the Scientific and Technical Society of the Electrical Industry) and the Moskovskiy energeticheskiy institut (Moscow Power Engineering Institute). Several related design organizations, as well as the Ministries of the Electrical Industry, of Electric Power Plants and of Electric Power Plant Construction also participated. The reports in this collection reflect the latest views on the design and planning of the electrical equipment of hydroelectric stations and on their requirements for equipment. Special attention is given to problems of automation and remote control of stations and systems. These reports are concerned to a very great extent with the description and appraisal of considerable quantities of

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3

New Developments in Design of Electric Equipment (Cont.) 284

Soviet-produced electrical equipment. There is a list of Soviet personalities and organizations which took part in the conference (pp. 205-215). In several of the reports reference is made to Soviet power engineers who have made important contributions in the field. There are 34 references, of which 27 are Soviet (pp. 157, 169, 197 and 205), three English, two Italian, one French and one Swedish (p. 196).

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Uspenskiy, B.S. Recent Trends in the Design of Electrical Equipment for Hydroelectric Power Plants in the USSR	5
Antoshin, N.N. Some Special Features of the Electrical Equipment of Foreign Hydroelectric Power Plants	14
Venikov, V.A. Recent Trends in Stability Problems in Long-Distance Electric Power Transmission	19
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3

~~ANTOSHIN, N.N., inshe.~~

Use of aldry in open distribution equipment in Italy.
Energokhoz.za rub. no.4:45-46 Jl-4p '57. (MIRA 12:11)
(Italy--Electric substations) (Aluminum--Magnesium alloys)

ANTOSHIN, N.N., insh.

New system for the protection of power transformers from
"Electrotechnical," 43, no.6, 1956). Energokhos. za rub. no.5:
43-45 S-0 '57. (MIRA 13:6)
(Germany, West--Electric transformers)

105-9-25/32

AUTHOR: Antoshin, N.N., engineer

TITLE: Modern Complete Control Systems in Foreign Countries.
(Sovremennyye komplektnyye raspredelitel'nyye ustroystva za
rubezhom)

PERIODICAL: Elektrichestvo, 1957, Nr 9, pp. 79-83 (USSR)

ABSTRACT: In consideration of the fact that in the coming years the list of the complete control systems produced in Russia will be extended considerably in the USSR, the author here gives a survey of the present stage in foreign countries. The basic demands are given which are made on these equipments as well as the characteristics according to which they have to be produced. Mention is made of the enormous number of variations of these equipments, and the endeavors made to normalize them are described. A classification into four groups is carried out and the present stage of the production of these groups is given. The "Isotube" equipment of the Duboch firm of Kok is especially described in detail. There are 6 figures.

Available: Library of Congress

Card 1/1

ANTOSHIN, N.N., inzh.

Project for an artificial lake and hydroelectric power station in
the Libyan Desert. Energelkho za rub. no. 5:47 S-O '58.
(MIRA 11:12)
(Libyan Desert--Hydraulic engineering)

ANTOSHIN, N.N.; VENIKOV, V.A.; NEYMAN, L.R.

Meeting of committee no.1 of the International Electrotechnical Commission in Brussels on problems of the international electrical engineering dictionary. Elektrичество no.7:86-87 J1 '58.
(Electric engineering--Dictionaries) (MIRA 11:8)

8(0)

AUTHOR: Antochin, N. N., Engineer SOV/105-58-11-23/28

TITLE: XXIII Plenary Meeting of the International Electrotechnical Commission in Stockholm (XXIII plenarnaya sessiya mezhdurodnoy elektrotehnicheskoy komissii v Stokhol'me)

PERIODICAL: Elektrичество, 1958, Nr 11, pp 90 - 93 (USSR)

ABSTRACT: This is a report on the XXIII plenary meeting, which was held in Stockholm from July 8-18, 1958. The Soviet Delegation lead by A.M.Nekrasov included delegates from the Ministerstvo elektrostantsii SSSR (Ministry for Electrical Power Stations, USSR), from the Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR (Committee of Standards, Measures and Instruments at the Council of Ministers, USSR), from the Gosudarstvennyy komitet Soveta Ministrov SSSR po radioelektronike (State Committee at the Council of Ministers, USSR, for Radioelectronics), and the leading engineers and workers of some plants, scientific research and planning institutions. The delegation

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XXIII. Plenary Meeting of the International Electrotechnical Commission in Stockholm

SOV/105-58-11-23/26

took part in the works in Stockholm, Vesteras (Vesteros) and Lyudvik. 5 Soviet Delegations also took part in the works of the committees Nr 12-2, Nr 20, Nr 35 in Copenhagen from July 1-4, 1958.

Card 2/2

19. THE PLANNING, DESIGNING, CONSTRUCTION AND OPERATION OF HYDROELECTRIC STATIONS IN THE USSR

by

M. N. Antonin
Ministry of Electric Power Station Construction

(Abstract)

The paper briefly describes the general principles of planning power plant construction, including the construction of hydroelectric stations. A close connection is noted between planning the development of hydraulic power and planning the development of other branches of the national economy interested in the utilization of water resources. Data are given on the features of organization of planning of the construction of large electric stations and high-voltage transmission lines financed by the All-Union budget and of small stations and lines constructed by local budgets.

The paper considers the designing of hydroelectric stations and multi-purpose projects, as well as the compilation of material for the development of hydraulic power in the designing institutes of the Ministry of Electric Power Station Construction, as well as the use of specialized designing state agencies to perform special designing.

surveying and investigation work. Multiple-purpose aspects are borne in mind when drawing up the designs of hydroelectric stations and schemes of river developments, on the basis of the main modern trends in hydroelectric station design.

The organization of hydroelectric station construction under the Ministry of Electric Power Station Construction is briefly described. Construction is carried out by Construction Departments or Trusts, which perform the main work and use, when required, special state agencies to carry out various special operations, as for example, erection of electrical equipment or grouting.

General information is given on the problem of the management and operation of electric stations, on the wide use of automation and telemechanics, on the role of "Soyuzgavrsgor", and the United Dispatcher Department of the United Power System.

Report presented at the Fourth Regional Technical Conference on Water Resources Development in Asia and the Far East, Colombo, Ceylon, 5-13 Dec 1960

ANTOSHIN, N.N., inzh.

Cooperation of electric power systems in Scandinavian countries.
Energiokhоз. за руб. no.2:34-36 Mr-Ap '60. (MIRA 13:6)
(Scandinavia--Electric power plants)

ANTOSHIN, M.N., inzh.

Audio control of unattended electric power systems. Energokhoz. za
rub. no. 4:46-47 Jl-Ag'60. (MIRA 13:10)
(Electric power plants)

ANTOSHIN, N.N., insh.

Transposition of wires on high-voltage transmission lines in France.
Energochok. sa. rub. no.5:30-33 S-0 '60. (MIRA 13:10)
(France—Electric lines—Overhead)

ANTOSHIN, Nikolay Nikolayevich; SMIRNOVA, Iya Aleksandrovna;
KOTOVICH, A.A., kand. tekhn. nauk, red.; POGREBNAYA, L.L.,
red.

[Concise Swedish-Russian electric engineering dictionary]
Kratkii shvedsko-russkii elektrotekhnicheskii slovar'. Mo-
skva, Sovetskaya Entsiklopediya, 1965. 437 p.
(MIRA 18:4)

ACC NR: A17007595

SOURCE CODE: UR/0104/66/000/008/009/0096 *26*

AUTHORS: Chuprakov, N. M.; Dorovoy, A. A.; Postnikov, N. A.; Malychev, A. A.; Magidaon, G. M.; Sin'chugov, F. I.; Zeylidzon, Ye. D.; Barchaninov, G. S.; Yermolenko, V. M.; Vasill'yev, A. A.; Sokolov, N. I.; Ul'yanov, A. S.; Fedoseyev, A. M.; Sarkisov, M. A.; Rokotyan, S. S.; Azar'yev, D. I.; Arson, G. S.; Dubinskii, L. A.; Zhulin, I. V.; Kolpakova, A. I.; Antoshina, N. N.; Krikunchik, A. B.; Kuchkin, N. D.; Preobrazhenskii, N. Ye.; Reut, N. A.; Kheyfits, M. E.; Sharov, A. N.; Yakub, Yu. A.; Gorbulov, N. I.; Shurukhlin, V. A.; Beschinskii, A. A.

ORG: none

TITLE: Boris Sergeyovich Uspenskiy (on his 60th birthday)

SOURCE: Elektricheskaya stantsiya, no. 8, 1966, 93-96

TOPIC TAGS: hydroelectric power plant, electric engineering personnel

SUB CODE: 10

ABSTRACT: B. S. Uspenskiy was born in June 1905. He graduated from the State Electric Machine Building Institute in 1928 as an electric installation engineer. He worked in the State Electro-Technical Trust for four years, then in the All-Union ElectroTechnical Union, where he planned power construction units. Plans which he made up at that time for the electrical portion of electrical stations and sub-stations are still being used. He was involved in planning and installation of the electrical portion of hydro-electric power stations and powerful pumping stations in the Moscow-Volga Canal. During the war, he was in charge in installation of the Krasnogorskaya Heat and Electric Power Station, the planning of the Urals Hydro-Electric Power Station and other projects. He

Card 1/3

09281534

ZOZULYA, B.I.; MOROZOV, V.N.; SEMENOV, Yu.N.; Prinimal uchastiye ANTOSHIN, V.G.

Ceramic metal filters for the automatic analysis of pulp in
the production of alumina. Porosh. met. 3 no.4:101-105 Jl-Ag '63.

1. Zaporozhskoye otdeleniye Instituta metallokeramiki i spetsial'nykh
splavov AN UkrSSR i Zaporozhskiy filial instituta avtomatiki.
(Filters and filtration) (Hydrometallurgy)

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CIA-RDP86-00513R000101810017-2

ANTONOV, V.G., Inventor

Networks of high-speed phase-sensitive magnetic amplifiers.
Sov. invent. cert. PGD no. 21234-239-163. (P. 6, 1971)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000101810017-2"

SOURCE: Ref. zh. Avtomat., telemekh. i vychisl. tekhn. 2000, No. 1, AUT: RUMA

AUTHOR: Antoshin, V. O.; Karlov, A. N.; Tkach, V. I.

TITLE: Frequency-selective system of radio signal for remote starting

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000101810017-2

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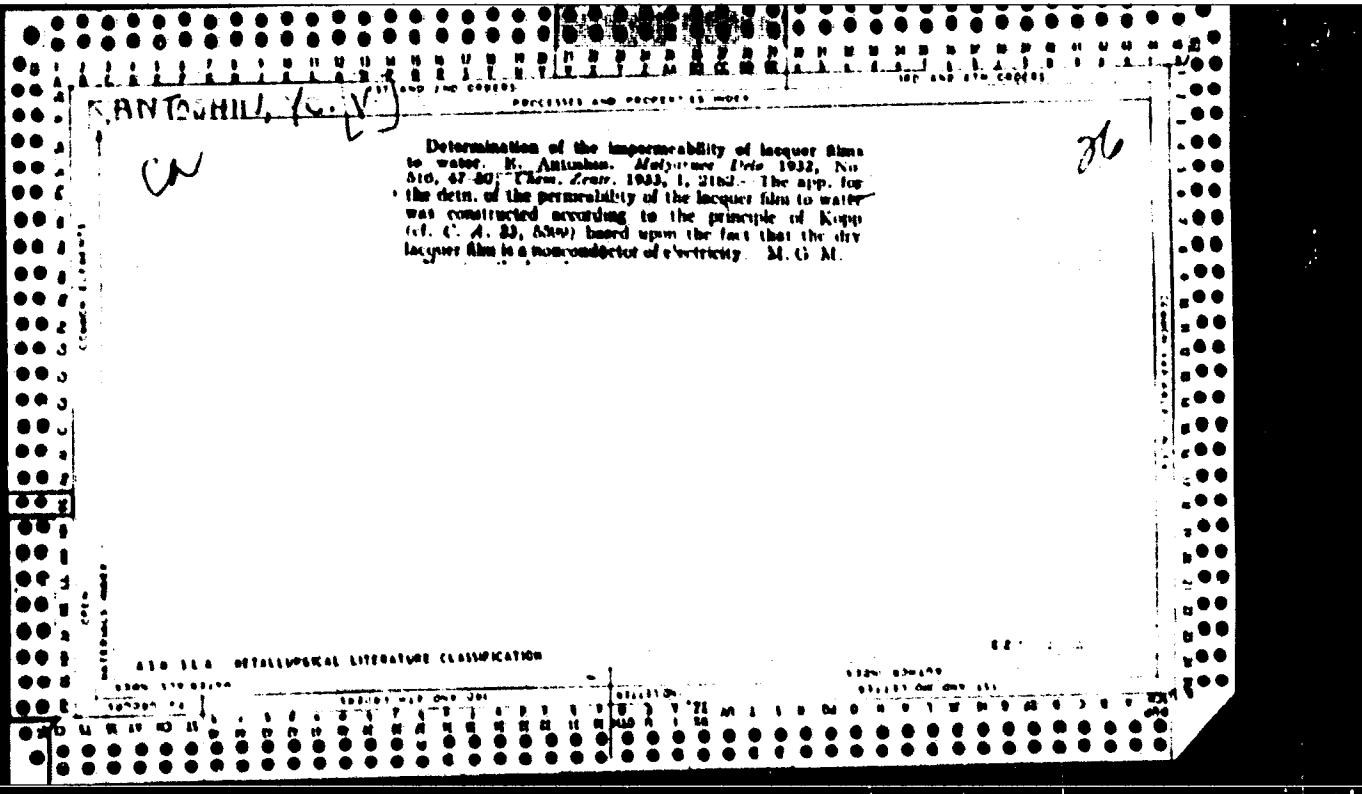
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CIA-RDP86-00513R000101810017-2"

ANTOSHIN, V.I., inzh.

Welding chemical equipment at the "Bol'shevik" Kiev Plant.
Trudy NIIKHIMMASH no.26:75-81 '58. (MIRA 13:?)

1. Zavod "Bol'shevik".
(Kiev--Chemical apparatus--Welding)



MINTEKHIM, U.S.S.R.

PROBLEMS AND PROPERTIES OF

M

7

Metallising by Spraying and Its Possible Application. Ye. V. Antsyshni (Vestn. Metalloprom. (Metal Ind. Herald), 1940, 20, (6), 39-44; Chem. Zentr., 1940, 111, (11), 3560).-(In Russian.) Worn rotating machine parts may be reconditioned by metal spraying. The porosity of the sprayed-on layer also improves the frictional properties. Worn bearings and porous parts of castings are suitably repaired by spraying. The spraying of aluminium on steel and subsequent annealing at 850°-950° C. for ~~one~~ 2 1/2 -3 hrs. increases its heat resistance by 5-10 times. Aluminium spraying is recommended for protection against corrosion by atmospheres containing fumes or sulphur vapours. Further suitable applications are discussed.

ALB-11A METALLURGICAL LITERATURE CLASSIFICATION

ANTOSHIN, E. V.

Tekhnologija metallizatsii raspyleniem. Moskva, Mashgiz, 1944. 175 p.

Technology of metal spraying.

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library
of Congress, 1953.

ANTONINI, W. V., Engineer

Mr., Metalization Department, MTK CLAVAVTEGENA (-1945-)

"Using Metalization for Correcting Defects in Castings," Stanki I Instrument, 16,
No. 3, 1945

FR-52059019

ANTONOV, I.A., kand.tekhn.nauk; ANTOSHIN, Ye.V., inzh.; ASINOVSKAYA, G.A.,
inzh.; VASIL'YEV, K.V., kand.tekhn.nauk; GUZOV, S.G., inzh.; DBYAKU,
V.K., inzh.; ZAYTSEVA, V.P., inzh.; KAZHNIKOV, P.P., inzh.; KARAN,
Yu.B., inzh.; KOLTUNOV, P.S., kand.tekhn.nauk; KOROVIN, A.I., inzh.;
KRZHECHKOVSKIY, A.K., inzh.; KUZNETSOVA, Ye.I., inzh.; MATVEYEV, N.N.,
tekhnik; MOROZOV, M.Ye., inzh.; NEKRASOV, Yu.I., inzh.; NECHAYEV,
V.D., kand.tekhn.nauk; NIEBURG, A.K., kand.tekhn.nauk; SPEKTOR, O.Sh.,
inzh.; STRIZHEVSKIY, I.I., kand.khim.nauk; TESMENITSKIY, D.I., inzh.;
KHROMOVA, TS.S., inzh.; TSEUMEL', A.K., Insh.; SHASHKOV, A.N., kand.
tekhn.nauk, dots.; SHNEICHNIK, M.M., inzh.; SHUKEMAN, D.Ya., inzh.;
EDEL'SON, A.M., inzh.; VOLODIM, V.A., red.; UVAROVA, A.F., tekhn.red.

[Machines and apparatuses designed by the All-Union Institute of
Autogenous Working of Metals] Mashiny i apparty konstruktsii
VNIILavtogen. Moscow. Gos.nauchno-tekhn.izd-vo mashinostroitel'noi
lit-ry, 1957. 173 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii
institut avtogennoi obrabotki metallov. no.9)

(Gas welding and cutting--Equipment and supplies)

ANTOSHIN, Ye.V., inzh.; NEMKOVSKIY, I.A., inzh.

Speed of travel and temperature of particles during gas spraying
of polyethylene. Trudy VNIITogen no.4:115-124 '57. (NIRA 10:12)
(Metal cladding) (Polyethylene)

"Plastic, Ceramic and Metal Coating."

Paper presented at the Sverdlovsk Regional Conference on Gas-Flame Metal Working and Electric-Gas Processes, Sverdlovsk, 14-16 May 1958, sponsored by VNIIAtogen.

AN 100-100-10 V.

18(7); 25(1)

PHASE I BOOK EXPLOITATION

SOV/1811

Vsesoyuznyy nauchno-issledovatel'skiy institut avtogennoy obrabotki metallov:

Nanoseniya pokrytiy sposobom gazoplamenного напыления (Coating by Means of Gas-flame Powder Spraying) Moscow, Mashgiz, 1958. 82 p. (Series: Spravo-chnyye materialy po gazoplamennoy obrabotke metallov, vyp. 15) 6,000 copies printed.

Compiler: Ye. V. Antoshin; Ed.: A. N. Shashkov, Candidate of Technical Sciences; Tech. Ed.: A. F. Uvarova; Managing Ed. For Literature on Heavy Machine Building (Mashgiz); S. Ya. Golovin, Engineer.

PURPOSE: This book is intended for foremen and technical personnel and can also be used as a handbook on gas-flame spraying.

COVERAGE: The booklet describes Soviet equipment used in flame-powder spraying. Fundamentals of the process and examples from experience are given. The authors stress the significance of synthetic material for powder spraying, especially thermoplastic and high molecular thermosetting plastic materials used as protective coatings against corrosion. Application of other material

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Safety measures

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Card 4/4

AN TOSHIKU, YEV

四庫全書

四百九十一

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